

*California Department of Transportation
Division of Maintenance*

Structure Maintenance and Investigations

BRIDGE

INSPECTION

RECORDS

INFORMATION

SYSTEM

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PROFILE GRADE

Old Fox 49
Plan 115

EGC / C - Elevation 7-52
Total Length of Bridge = 307' 9"

01.0 10'-0

48'-0

25'-0

45'-0

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AS BUILT PLANS

AS BUILT PLANS

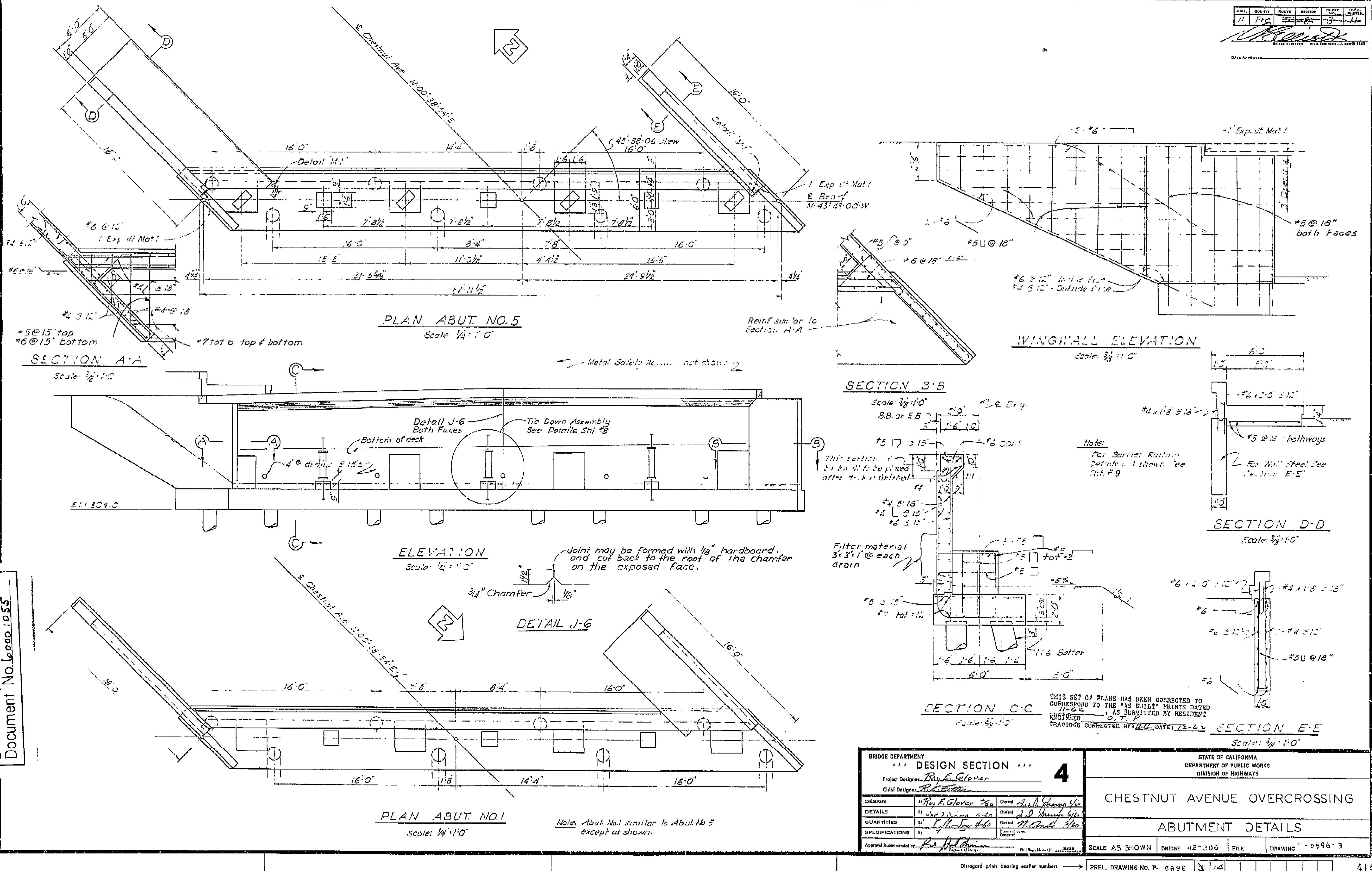
254

FED. ROAD DIV. NO.	STATE	F. A. PROJECT NO.	SHEET No.	TOTAL SHEETS
7	CALIF.		254	262

DIAG.	COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
11	Fayette			3	16

Callahan

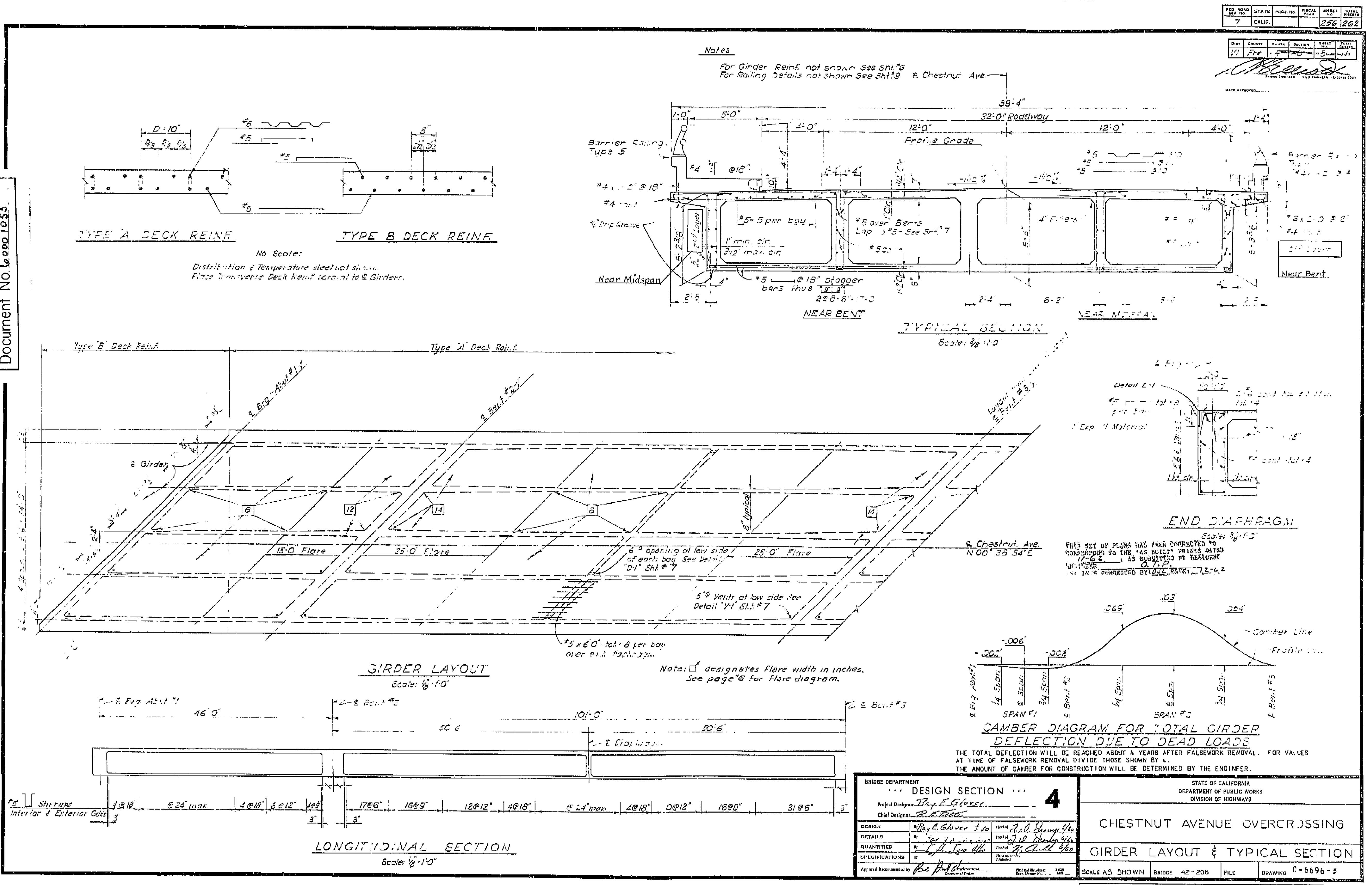
Patent Application



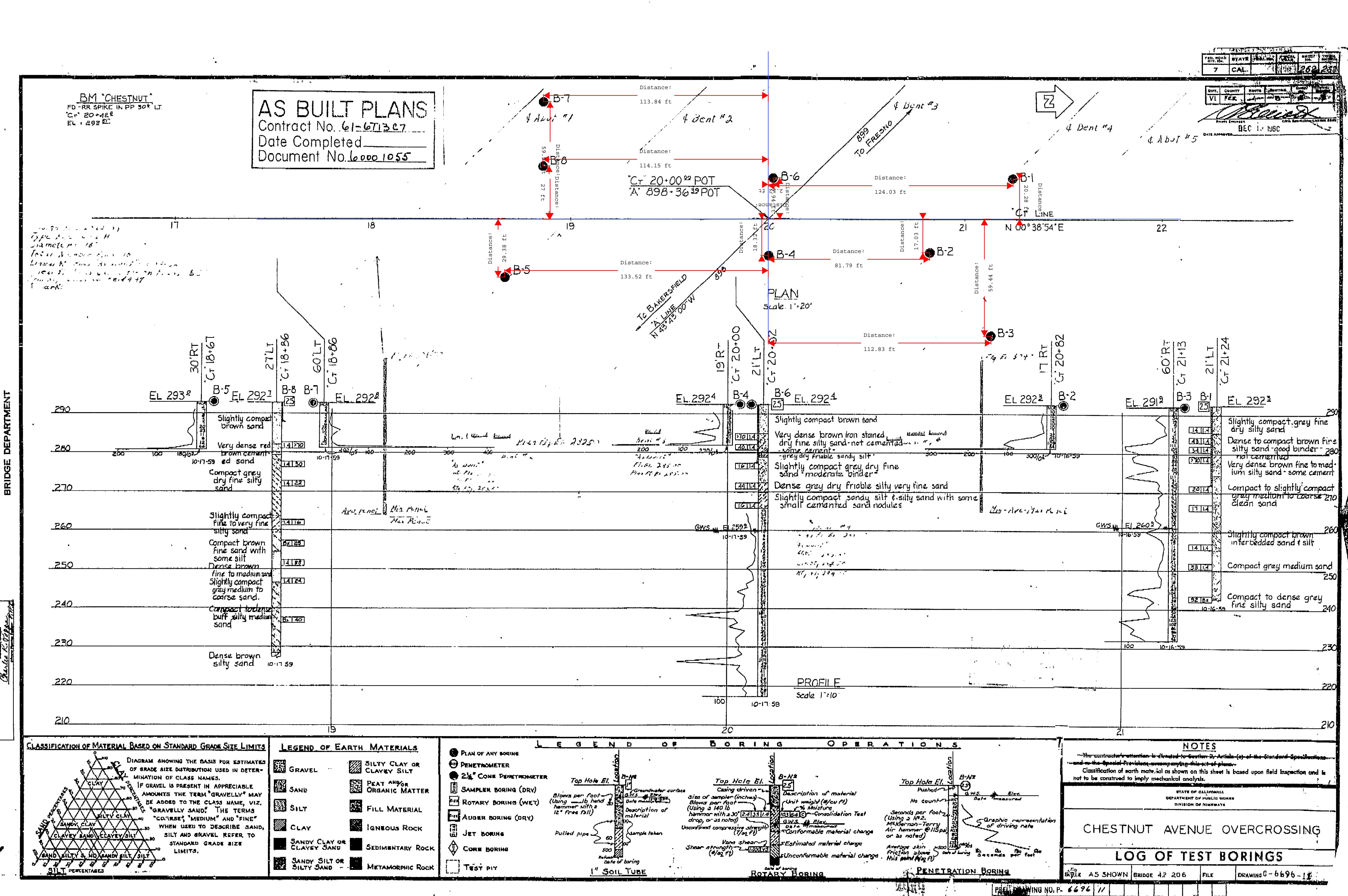
I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.

DATE 1-1-85 // SIGNATURE John C. Smith / TITLE

AS BUILT PLANS
 Contract No. 61-671327
 Date Completed Document No. 6696-55



I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF PUBLIC WORKS.
 DATE: 1/26/67
 SIGNATURE: J. G. Johnson
 TITLE: J. G. Johnson

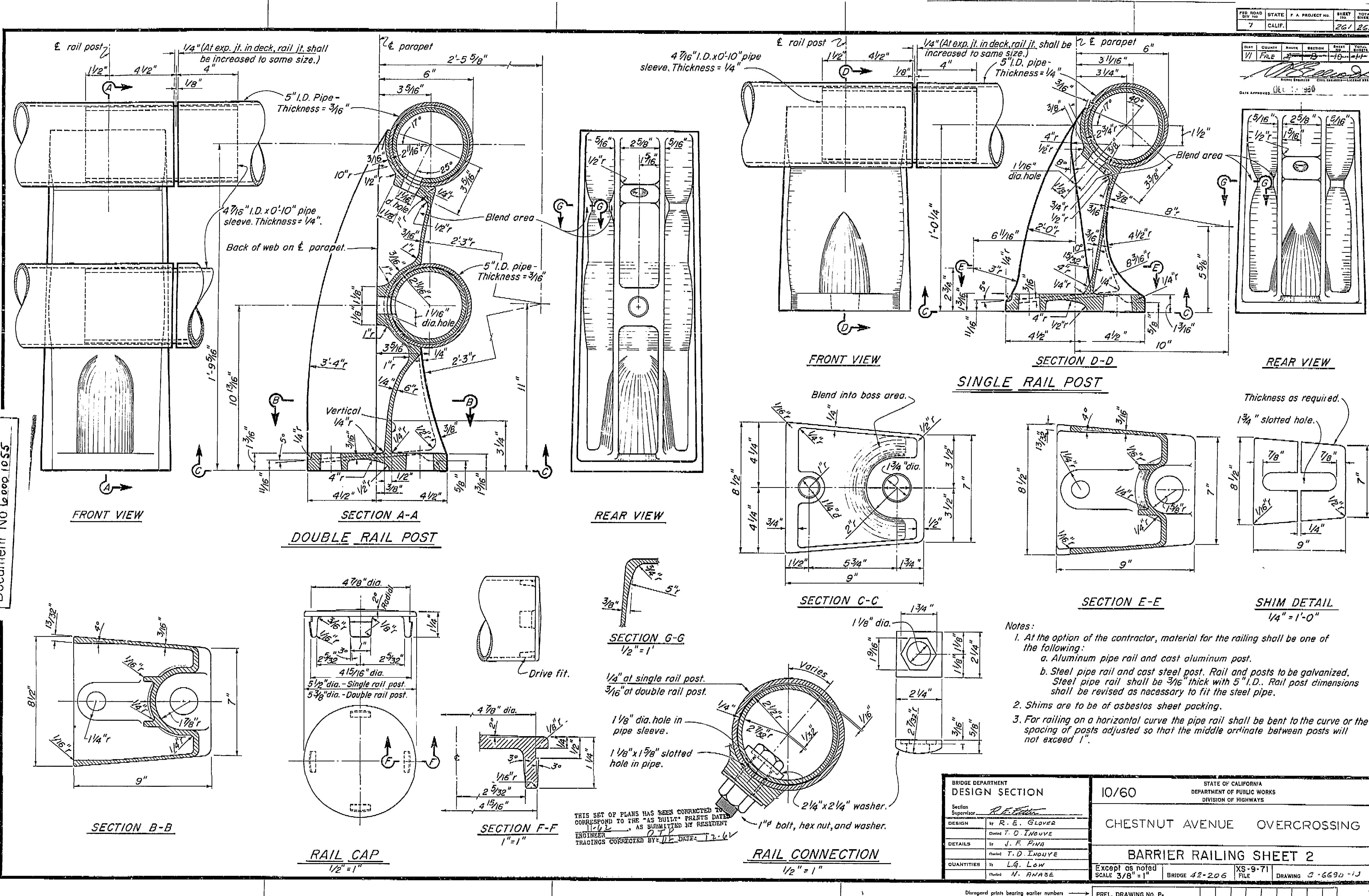


AS BUILT PLANS

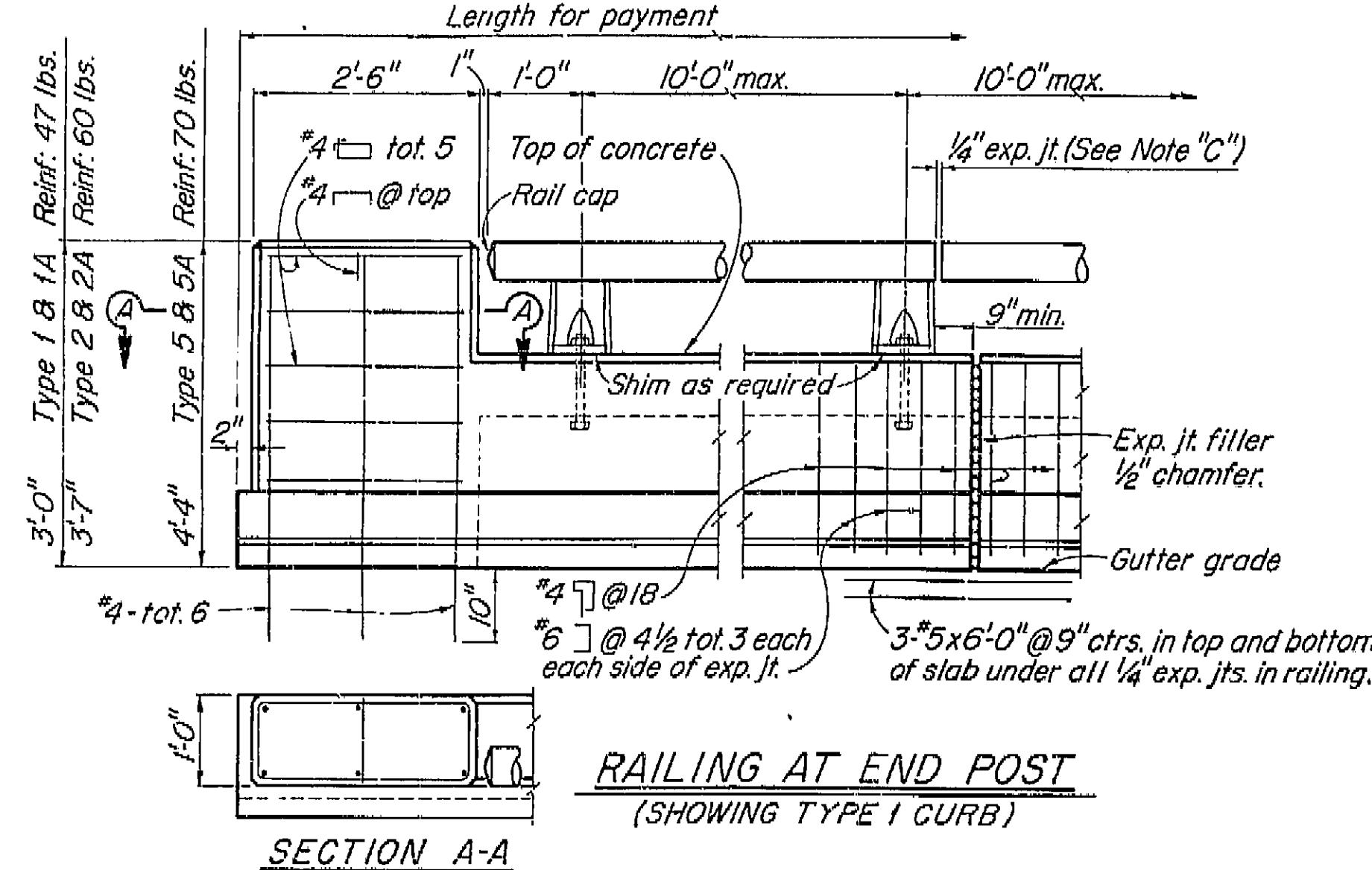
Contract No. 61-671327

Date Completed

Document No. 600-1055



ROAD NO.	STATE	F. A. PROJECT NO.	SHEET NO.	TOTAL SHEETS
7	CALIF.		260	262



This technical drawing illustrates a cross-section of a pipe railing system, specifically Section G-G. The drawing shows a vertical post on the left with a horizontal rail cap extending to the right. A future electrolier is mounted on top of the post. The railing consists of a grid of vertical and horizontal bars. Dimensions shown include 1'-0" between posts, 7" for the height of the vertical bars, and 1'-0" for the height of the rail cap. A callout indicates "6" for the number of electrolier bolts. A note specifies "#6 @ 4 1/2" and "#4 1/2". The total height of the railing is indicated as 6'. Below the railing, a "Pull box-Type 2" is shown with a dimension of 3'-0" min. An inset provides a detailed view of the electrolier base, showing a 6" wide base plate with a central bolt hole and a flange. A note indicates "#5 @ 4'-0", total 6.

RAILING CLOSURE AT ELECTROLIER
(SHOWING TYPE 2 CURB)

DIV.	COUNTY	ROUTE	SECTION	sheet no.	Total Sheets
VI	FRE	A-100	1	9	11

John Doe
BRIDGE ENGINEER CIVIL ENGINEER LICENSE 5555

DATE APPROVED: DEC 10 1960

6" electrolier and railing base

center pull box.

drain

2 1/2"

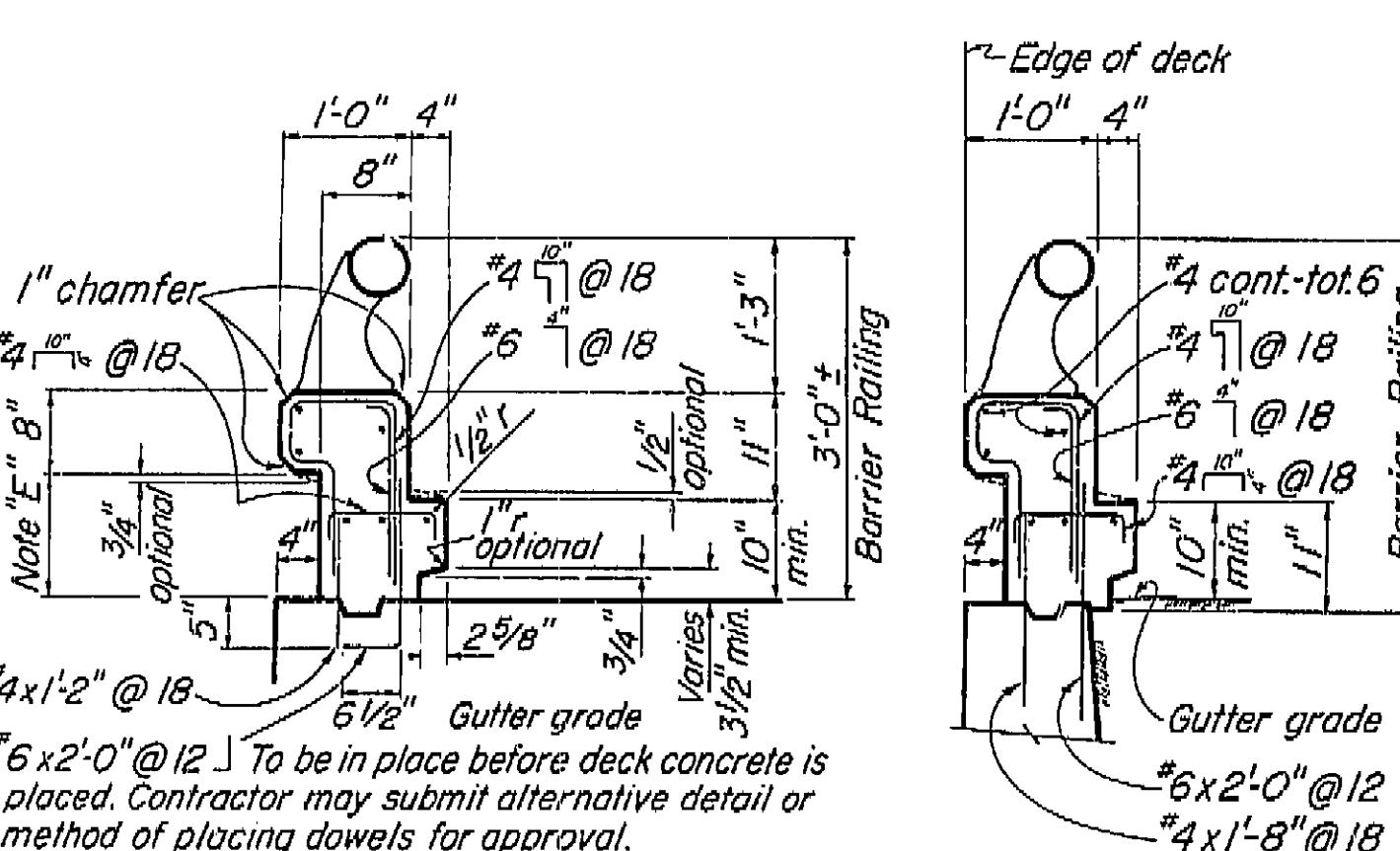
"4 1/2", 2 per pull box.

"4x5'-0"

"4 dowels - 4 per pull box."

SECTION H-H

RAILING AT ELECTROLIER
(SHOWING TYPE I CURB)



Note: Type 1A and 2A are similar to Type 1 and 2 except as noted.

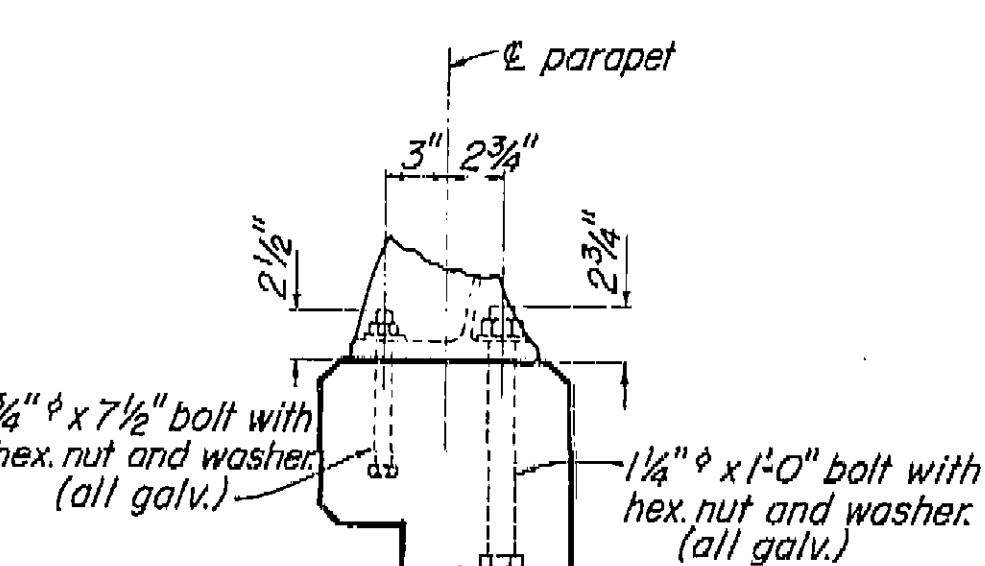
TYPE 1

TYPE 1A

TYPE 2

TYPE 2A

TYPICAL CULL RIB AND RAUL SECTIONS



RAIL POST ANCHOR BOLT DETAIL

Scale: 1/6" = 1'-0"

AS BUILT PLANS

- Note:*

 - A. Railing shall conform to horizontal and vertical alignment.
 - B. Posts shall be normal to railing.
 - C. Curb and wall exp. Jts. to be located at all deck joints, at C. pliers or bents and at uniform spacing (40' max.) between those specified. Joint size to be $\frac{1}{4}$ " min. and increased to match deck joints.
 - D. Construct 3" deep x 12" wide overflow scupper 2' above deck at low points in grade.
 - E. Dimension will vary with cross-slope of deck.
 - F. Walls are to be backfilled before railing is placed.

THIS SET OF PLANS HAS BEEN CORRECTED TO
CORRESPOND TO THE "AS BUILT" PRINTS DATED
11-1-52 AS SUBMITTED BY REINAGEN
ENGINEER O.T.P.
DRAWINGS CORRECTED BY P.D. DATE 11-1-52

BRIDGE DEPARTMENT DESIGN SECTION		10/60	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF HIGHWAYS
Section Supervisor	<i>R.E.Fetter</i>		
DESIGN	By R.E.GLOVER		
	Checked T.D. INOUYE		
DETAILS	By J.F. PINA		
	Checked T.D. INOUYE		
QUANTITIES	By L.G. LOW		
	Checked N. ANABE		
CHESTNUT AVENUE OVERCROSSING			
BARRIER RAILING SHEET 1			
Except as noted SCALE 3/4" = 1'-0"		XS-9-63 FILE	DRAWING C - 6696-9
BRIDGE 42-208			

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
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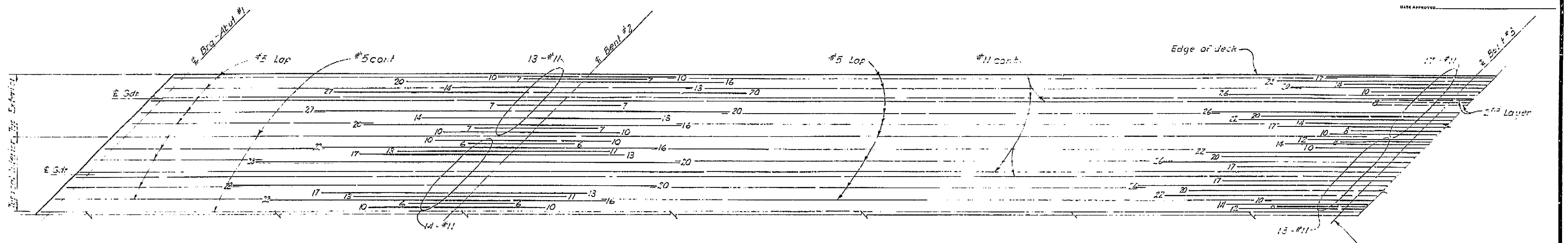
ROAD No.	STATE	F. A. PROJECT No.	sheet No.	TOTAL Sheets
7	CALIF.		257	262

COUNTY	ROUTE	SECTION	SHEET NO.	TOTAL SHEETS
FIRE	1	TO BE DETERMINED	6	14

[Handwritten signature over the table]

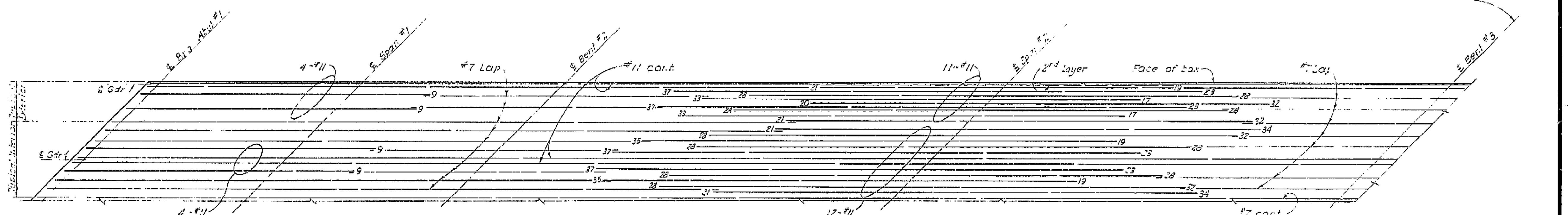
BRIDGE ENGINEER CIVIL ENGINEER — LICENSE #5445

PROVED: _____



TOP REINFORCEMENT

Scale. 3/16 : 1' 0"

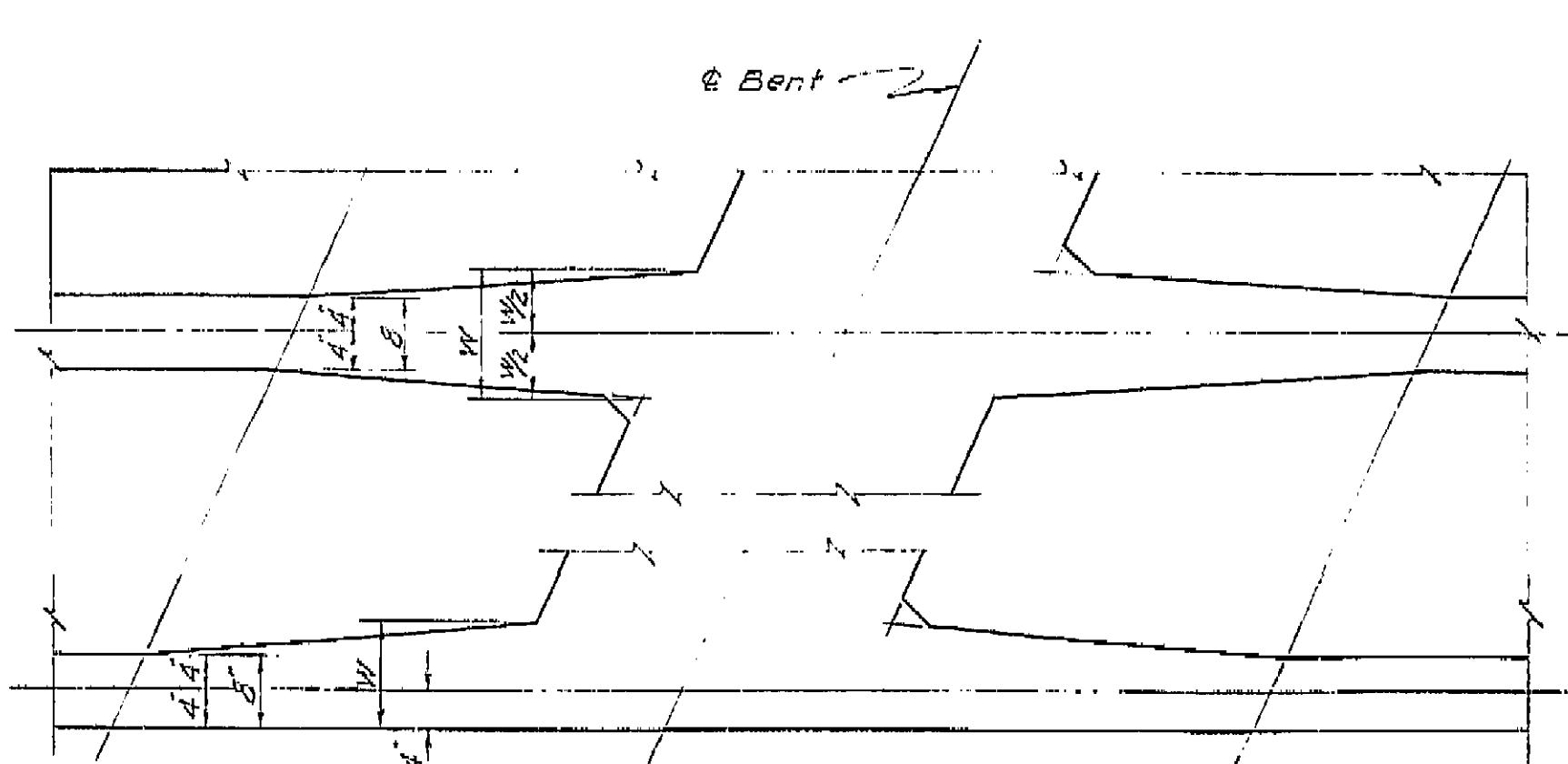


BOTTOM REINFORCEMENT

Scallop: 5/2 - 1/2

Notes:

Number at end of bar; indicated distance in feet from
the Bent for Top Reinf. & from the Span for Bottom Reinf.



TYPICAL GIRDER FLARE DIAGRAM

AS BUILT PLANS

NO BOWER PERMIT
Contract No. 61-671347

Date Completed

Document No 68881955

THIS SET OF PLANS HAS BEEN CORRECTED TO
CORRESPOND TO THE "AS BUILT" PRINTS DATED
11-52 AS SUBMITTED BY RESIDENT
ENGINEER O.T.P.
TRACINGS CORRECTED BY: C.H. ELLIOTT

BRIDGE DEPARTMENT		
*** DESIGN SECTION ***		
Project Designer	<u>Ray E. Glover</u>	
Chief Designer	<u>R.E. Fitter</u>	
DESIGN	<u>Ray E. Glover 7/60</u>	Checked <u>3-10 January 6/60</u>
DETAILS	<u>By Ray E. Glover 6/60</u>	Checked <u>2-11 January 6/60</u>
QUANTITIES	<u>By Ray E. Glover 6/60</u>	Checked <u>7-12 January 6/60</u>
SPECIFICATIONS	<u>By Ray E. Glover 6/60</u>	Plans and Specs. Compared
Approved Recommended by <u>Bob H. Johnson</u>		

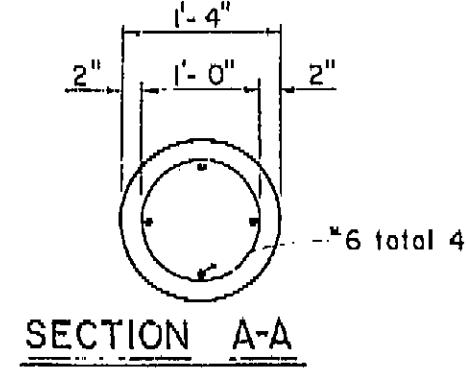
STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

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UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO
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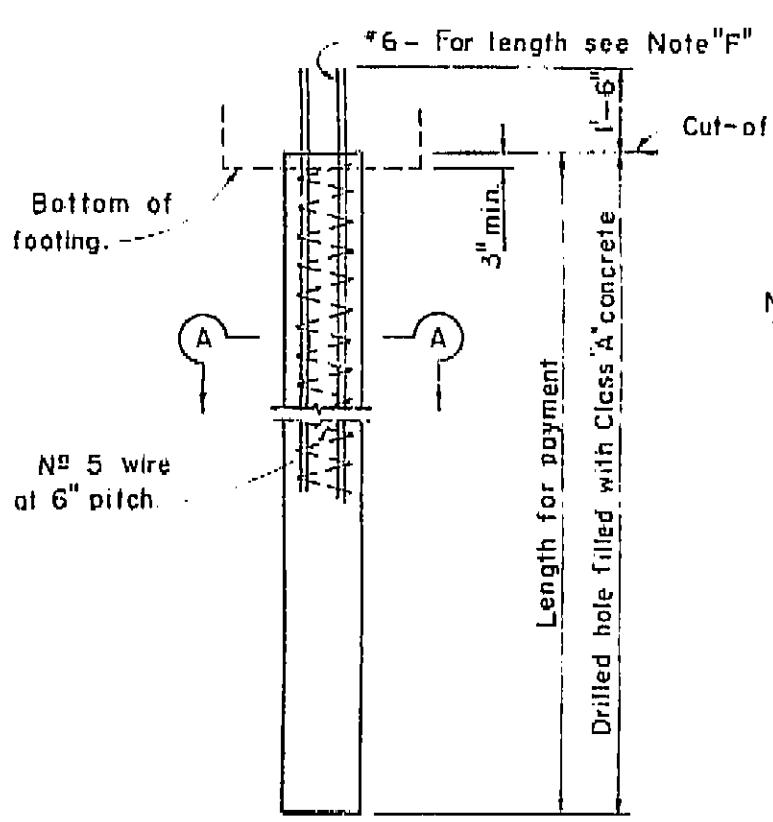
FED. ROAD NO.	STATE	PROJ. NO.	FISCAL YEAR	UNBILLED HRS.	TOTAL HRS.
7	CALIF.		1960	253	262

Dist.	County	Route	Section	Bldg.	Yards
VII	Fresno	—	—	—	4

DATE APPROVED: 1960



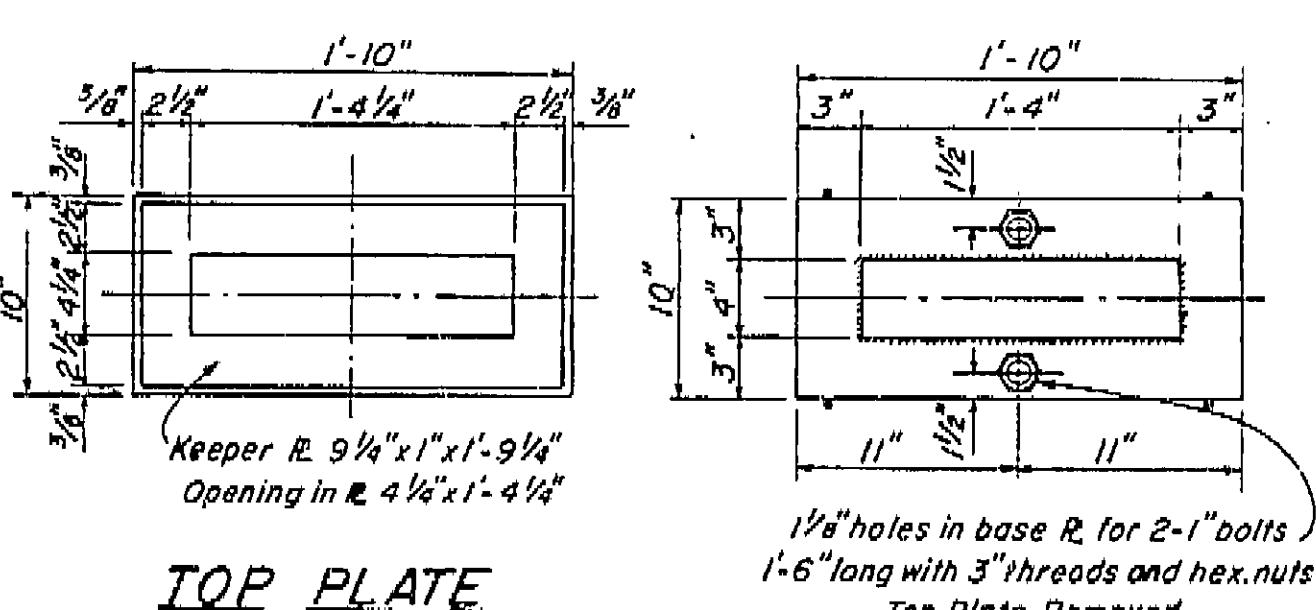
SECTION A-A



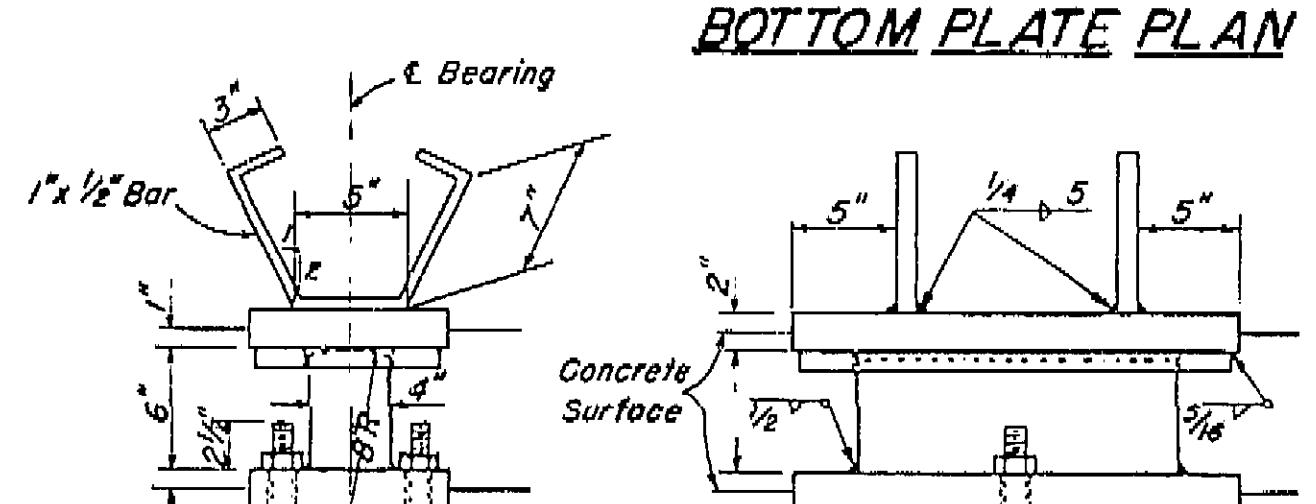
CAST - IN - DRILLED HOLE

CONCRETE PILE

Concrete to be placed in dry hole

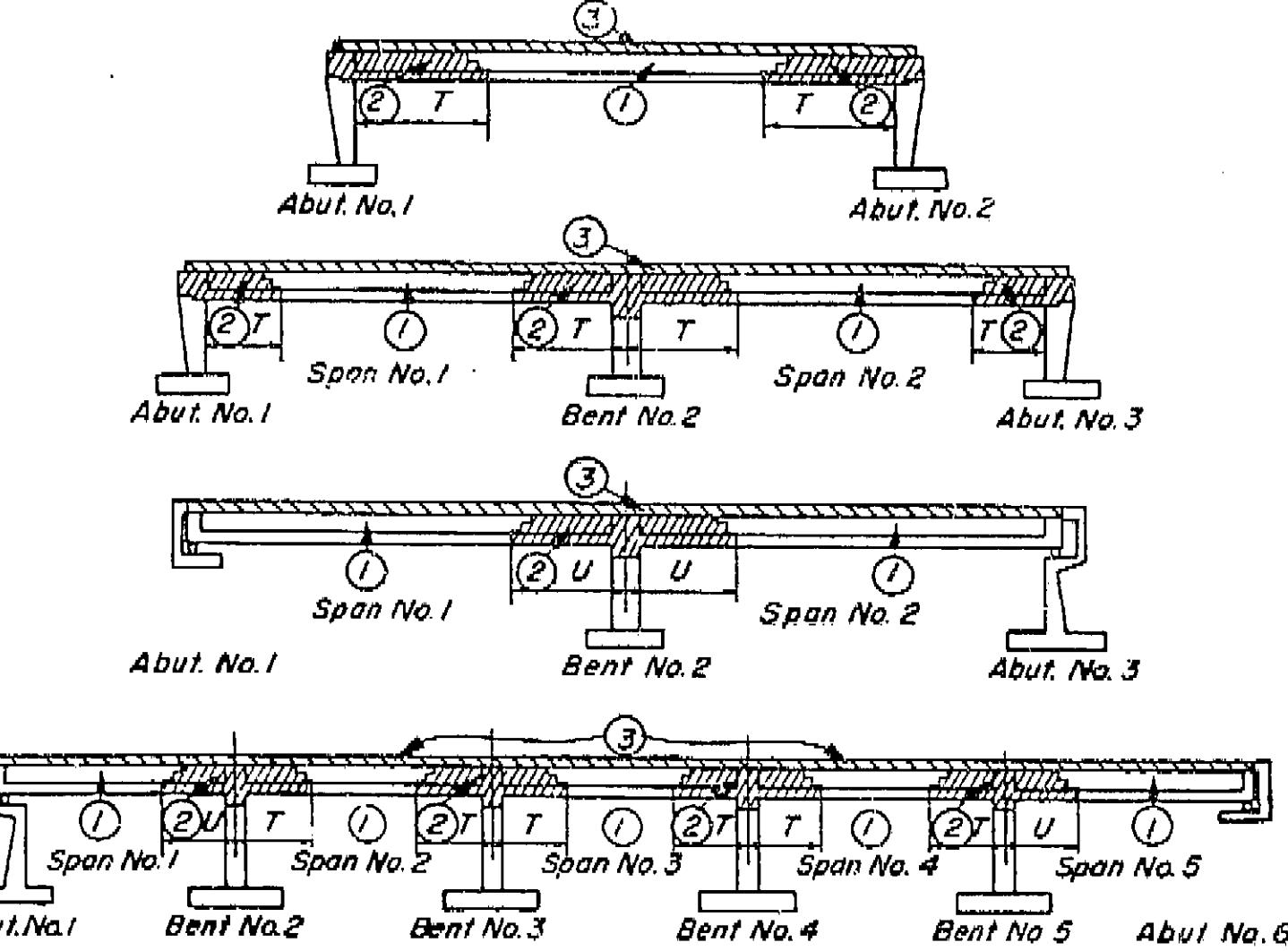


TOP PLATE



10" x 22" FIXED BEARING ASSEMBLY

None Required Scale 1/2" = 1'-0"



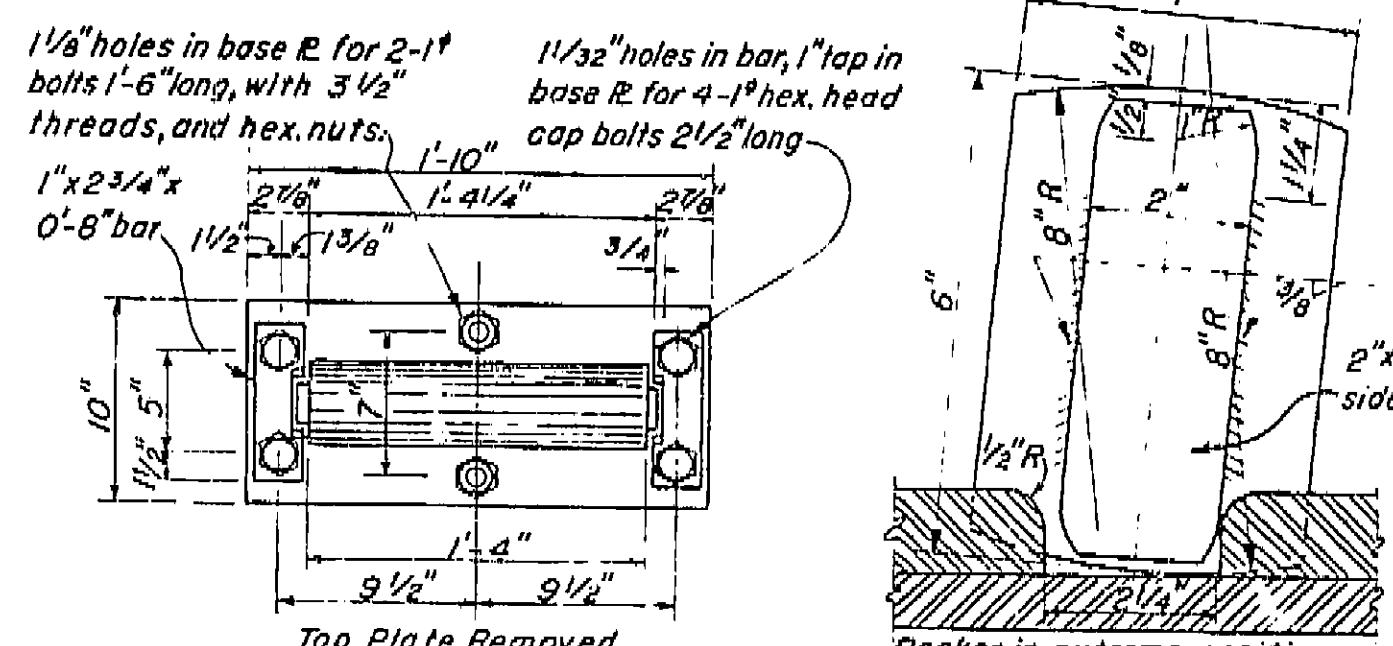
BOX GIRDERS SUPERSTRUCTURE PLACING DIAGRAM

Numbers (1) and (2) indicate sequence of placing bottom slab and girder stem concrete. (2) may be placed simultaneously with (1) when approved by the Engineer, and provided that the (1) sections are placed in adjoining spans.

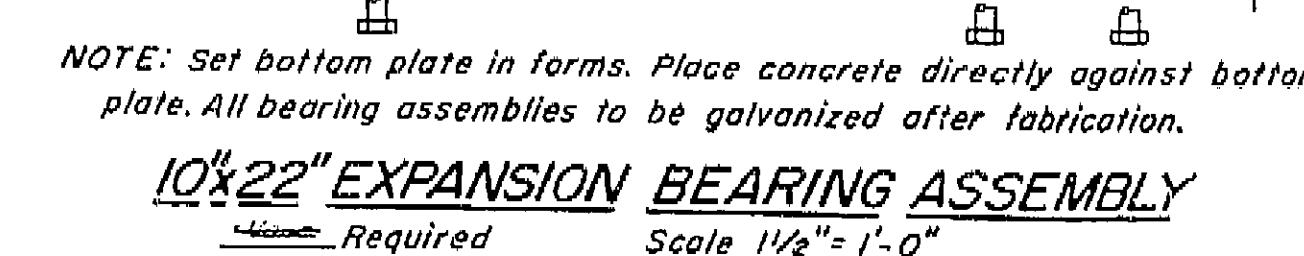
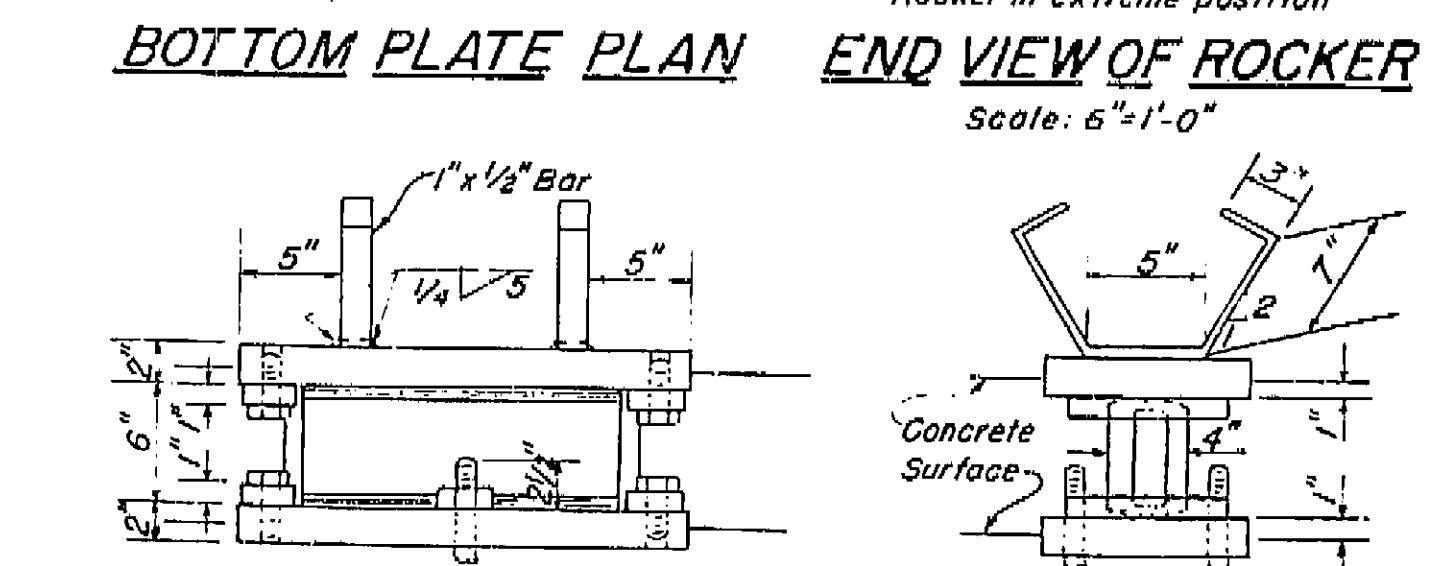
Top slab concrete (3) shall be placed separately from (1) and (2). (3) may be placed continuously or in parts as approved by the Engineer, however the only joints permitted shall be located within 2'-0" of the girder joints between (1) and (2).

T = 1/8 span length
U = 1/8 span length

For any deviation from the above the contractor shall submit a diagram to the Engineer.



BOTTOM PLATE PLAN



10" x 22" EXPANSION BEARING ASSEMBLY

None Required

Scale 1/2" = 1'-0"

GENERAL NOTES

Specifications:

Design: A.A.S.H.O. dated 1957 with revisions and as supplemented by Bridge Planning and Design Manual.

Construction: Standard Specifications, Division of Highways, dated January 1960 and the Special Provisions.

Live Loading: H20-S16-44 and alternative.

Unit Stresses:

Reinforced Concrete:

$f_s = 20,000$ p.s.i.
 $n = 10$
 $f_c = 1,200$ p.s.i.

Structural Steel:

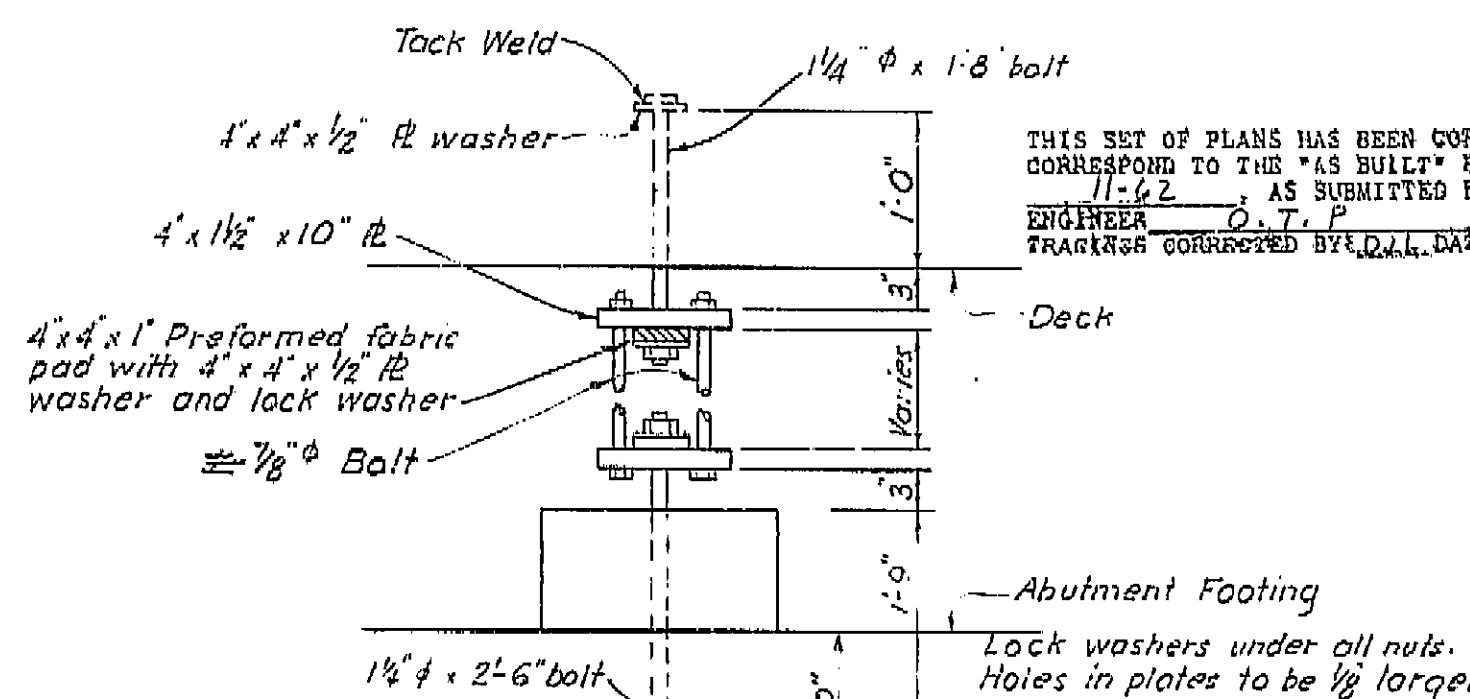
$f_s = 18,000$ p.s.i.

Footing Pressure:

4 tons p.s.f.

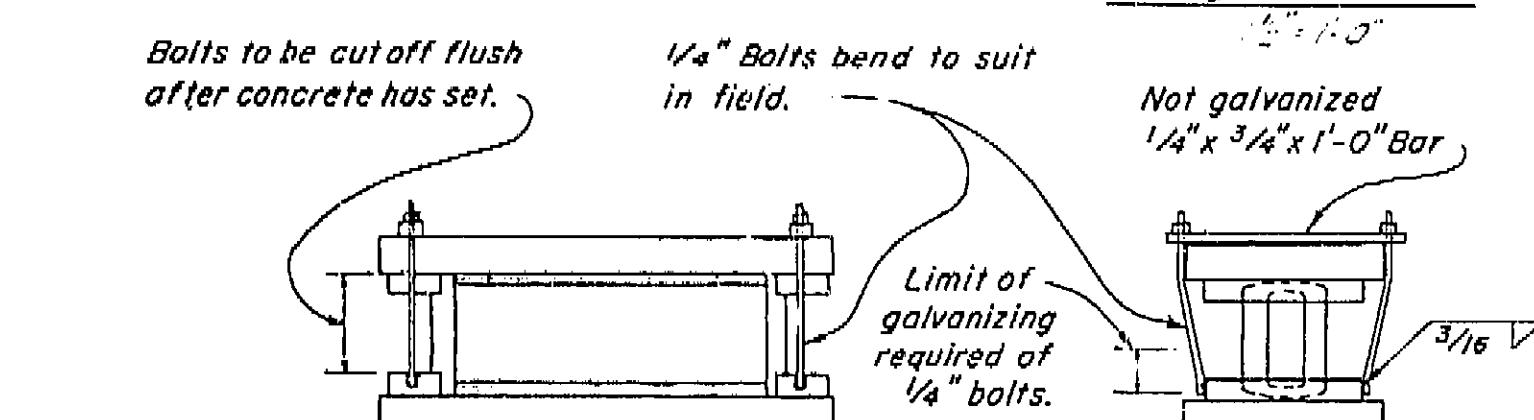
Pile Loading:

45 tons Type: Concrete



TIE DOWN ASSEMBLY

All metal parts to be galvanized after fabrication. Bottom half similar to top. To be located on Bearing. Scale: 1" = 1'-0"



DETAIL OF ERECTION BOLTS

Scale 1/2" = 1'-0"

BRIDGE DEPARTMENT	
*** DESIGN SECTION ***	
Project Designer	Ray E. Glover
Chief Designer	R. E. Glover
DESIGN DETAILS	10" x 22" Box Girder 600 ft. Long 200 ft. Span 1/2" Slope 1/2" Rise 1/2" Fall
QUANTITIES	10" x 22" Box Girder 600 ft. Long 200 ft. Span 1/2" Slope 1/2" Rise 1/2" Fall
SPECIFICATIONS	10" x 22" Box Girder 600 ft. Long 200 ft. Span 1/2" Slope 1/2" Rise 1/2" Fall

Approved Recommended by *Ray E. Glover*
Date *1-12-60* Drawing No. *54-25*

9/59

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS

CHESTNUT AVENUE OVERCROSSING

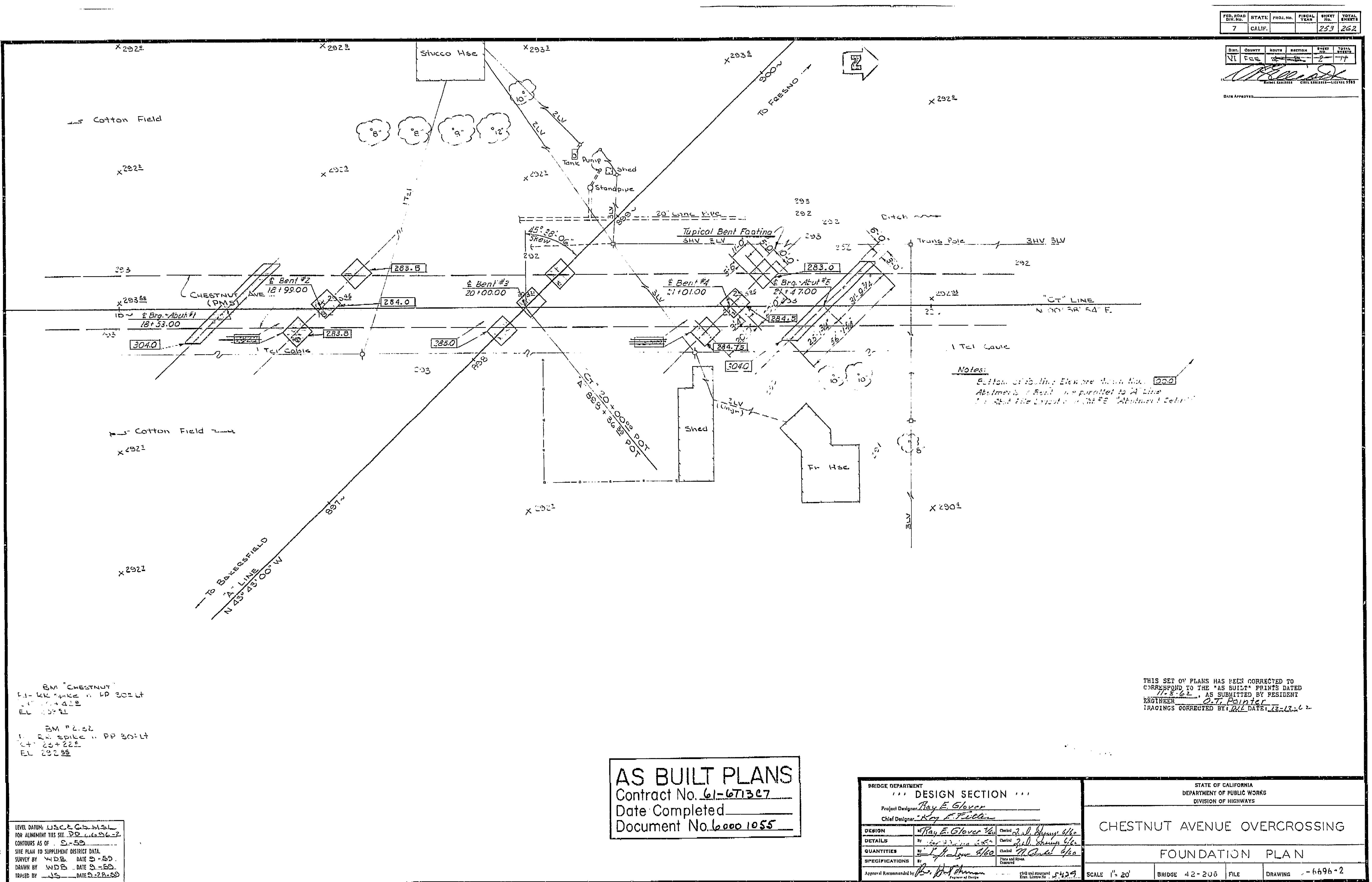
STANDARD DETAILS NO. 2 (BOX GIRDER)

SCALE AS NOTED BRIDGE 42-206 PILE 42-16-40 DRAWING C-6696-B

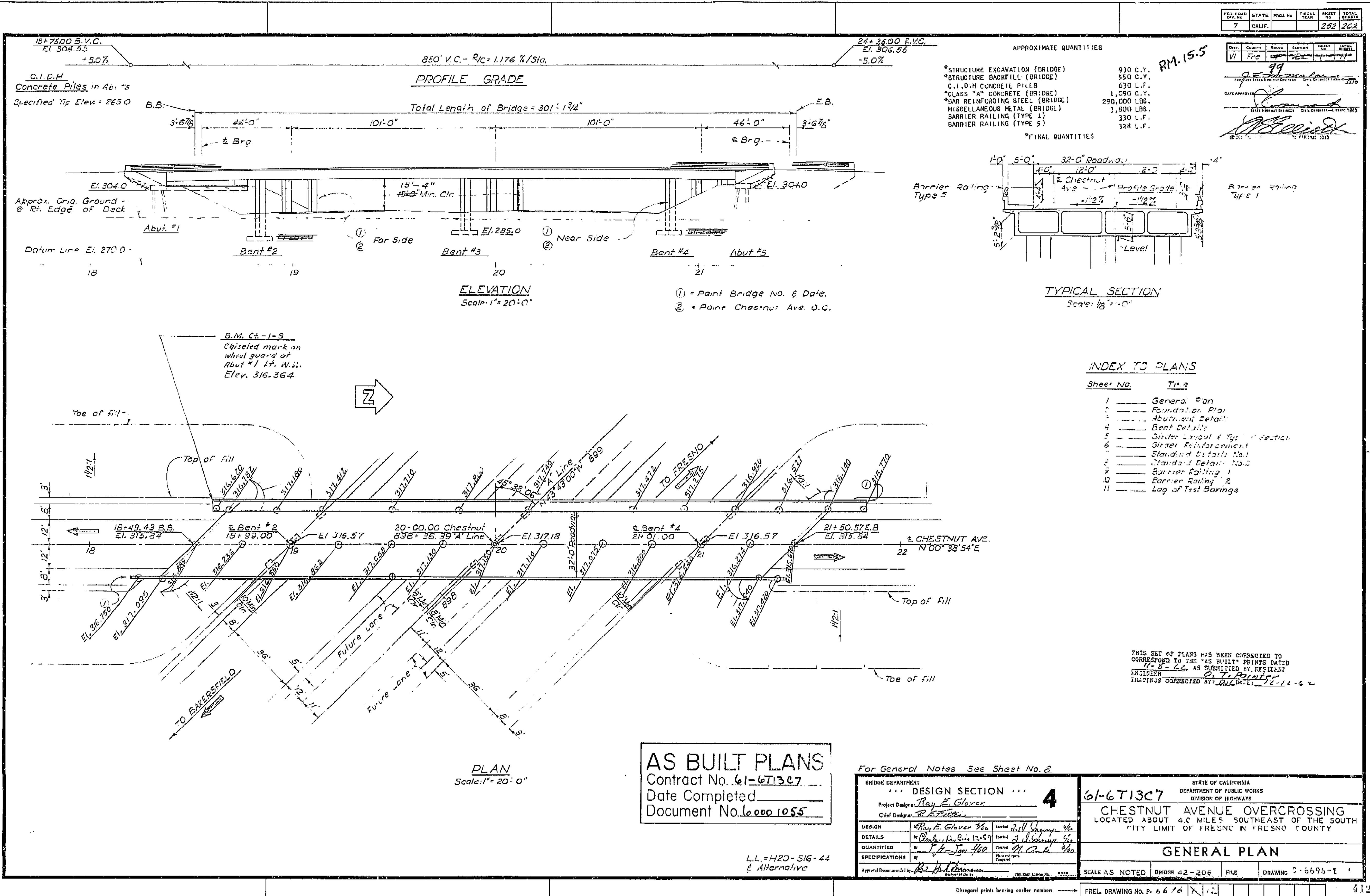
PREL. DRAWING NO. P- 6696 S 1/16

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DATE *1-12-60* SIGNATURE *Ray E. Glover* TITLE *Project Engineer*



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DATE 12-28-71 SIGNATURE *[Signature]* TITLE SR. ENGR.



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DATE 1/25/91 SIGNATURE *[Signature]* TITLE *[Title]*